



The Veterans Metrics Initiative

Using Wave 1 Program Common Components for the Employment Domain to Predict Study Outcomes, April 2018 Menu 2A

BACKGROUND



- Wave 1 participants nominated employment programs they used since they discharged from the military or deactivated from Active Duty. 54% reported using a program in the employment domain.
- Programs with verified URLs (n=388) and nominated by three or more Veterans were coded in Summer 2017-Winter 2017 using the common components analysis technique.
 - Of the programs coded, 184 programs were in the employment domain.
 - Information presented below reflects the proportion of programs with each component.

CONTENT COMPONENTS

Content components describe what a program teaches or what information it provides.

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| • Career planning and exploration - 56% | • Translating military experience to civilian work - 34% |
| • Resume writing - 54% | • Job training and certification - 26% |
| • Job board or job search engine - 55% | • Entrepreneurship - 10% |
| • Interviewing preparation - 54% | • Networking - 8% |
| • Job accommodation information - 38% | |



PROCESS COMPONENTS



Process components capture how a program conveys information or teaches skills.

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| • Interactive online tool: 2-54% of content | • Mentors or coaches: 4-34% of content |
| • Reading online: 4-47% of content | • Rehearsal, role-playing, practice: 2-7% of content |
| • Direct instruction: 4-41% of content | • Networking group: 0-7% of content |

EFFECTS OF COMPONENTS ON OUTCOMES

We used logistic regression to determine the likelihood of experiencing the following outcomes compared to component non-users.

- Those who were looking for a job at Wave 1 and found a job in Wave 3 were more likely to be:
 - Users of resume writing content taught by direct instruction OR via a mentor
 - Users of interviewing skills content taught by direct instruction
 - Users of entrepreneurship content taught by direct instruction
- Those who left their job for a better opportunity were more likely to be:
 - Users of resume writing content taught by self-paced online reading
- Those who experienced increased job satisfaction Wave 1 to Wave 3 were more likely to be:
 - Users of career planning, resume writing, job board, job accommodations, or translating military experience to civilian work content taught by self-paced online reading
 - Users of resume writing or job board content taught via an interactive online tool
 - Users of resume writing, interview skills, or entrepreneurship content taught via a mentor
- Applying growth curve modeling, use of these components predicted salary increases from Wave 1 to Wave 3:
 - Resume writing content taught via self-paced online learning
 - Job accommodation content taught via self-paced online learning

